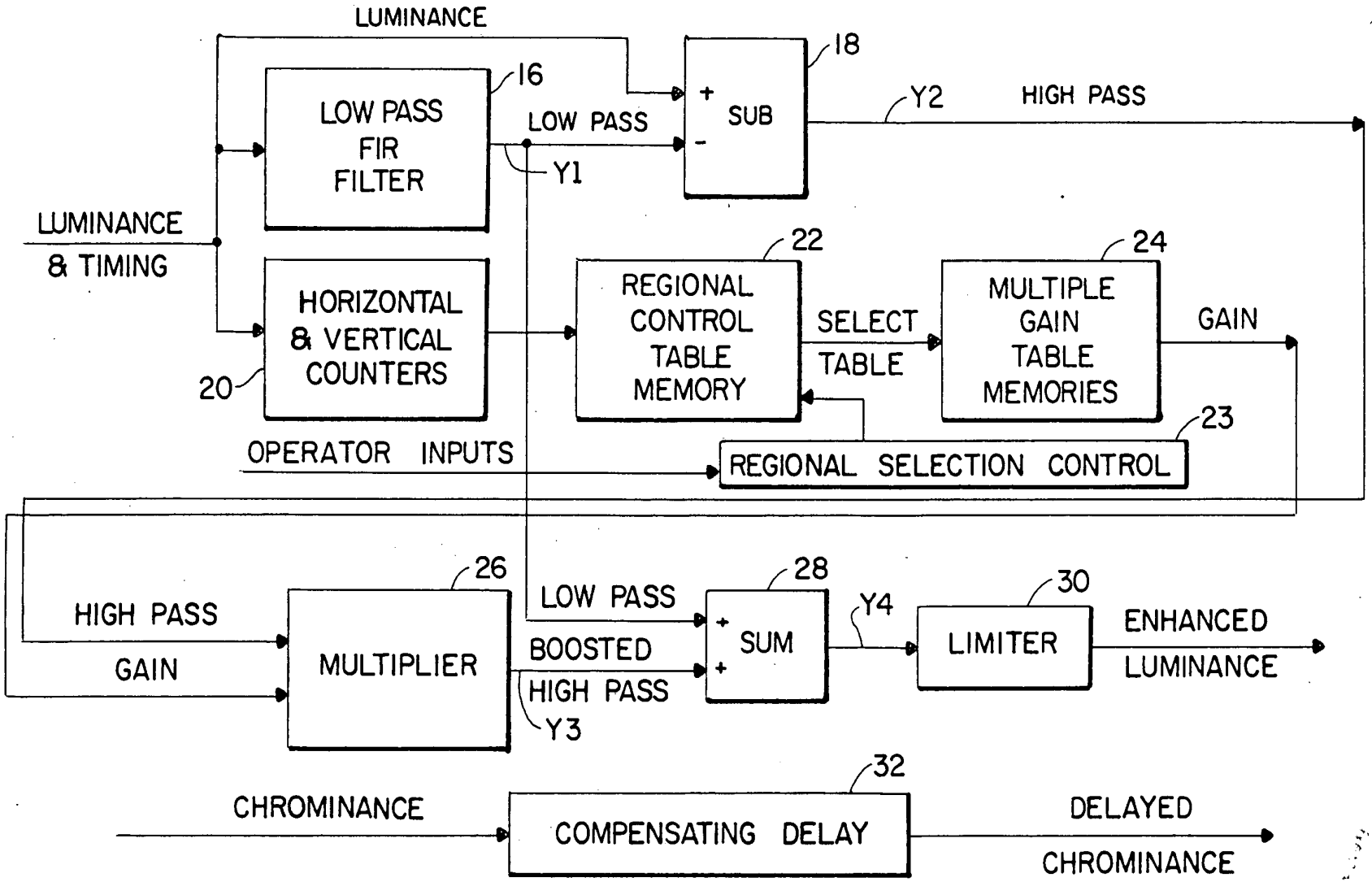
LUMINANCE
16
LOW PASS FIR FILTER
LOW PASS
Y1
+
SUB
-
18
Y2
HIGH PASS
LUMINANCE & TIMING
22
REGIONAL CONTROL TABLE MEMORY
SELECT TABLE
24
MULTIPLE GAIN TABLE MEMORIES
GAIN
20
HORIZONTAL & VERTICAL COUNTERS
23
OPERATOR INPUTS
REGIONAL SELECTION CONTROL
26
HIGH PASS
GAIN
MULTIPLIER
LOW PASS
BOOSTED
HIGH PASS
Y3
28
+
+
SUM
Y4
30
LIMITER
ENHANCED LUMINANCE
32
CHROMINANCE
COMPENSATING DELAY
DELAYED CHROMINANCE

FIG. 3